G501975RT28600

MiniPCI-E to PCI-E Wireless Adapter

User Manual
Ver. 1.00

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Introduction

The Mini PCIe to PCIe Adapter card will allow you to gain the functionality of a Mini PCIe WiFi card by utilizing the PCIe slot on your desktop. No driver is needed for this adapter, but you will need to install the driver for your Mini PCIe WiFi card. This adapter can be used with full and half sized Mini PCIe WiFi cards.

Features

Standard

- 802.11n current draft
- 802.11a/b/g
- 802.11i
- 802.11e
- 802.11d
- 802.11h
- 802.11j

Certification

- WHQL
- Cisco CCX
- Wi-Fi Certification: 802.11a/b/g, 802.11n, WPA, WPA2, WMM, WMM-PS

WLAN Features

- 11b: 1, 2, 5.5, 11Mbps
- 11g: 6, 9, 12, 24, 36, 48, 54Mbps
- 11n (20MHz): MCS0-15, 32 with Short Guard Interval Support (up to 144Mbps)
- 11n (40MHz): MCS0-15, 32 with Short Guard Interval Support (up to 300Mbps)
- RTS / CTS
- MSDU / PSDU aggregation
- Block Ack
- Reverse Direction Data Flow
- Link Adaptation
- Hardware WEP, TKIP, AES Engines
- EAP - TLS, TTLS, LEAP, PEAP
- WPA1/2 - PSK (WPA Home)
- WPA1/2 - 802.1x (WPA Enterprise)
- Roaming

System Requirements

- Windows 2000/XP/Server2003/2008/2012/Vista/7/8/10
- Mac OS X
- Linux Kernels 2.4, 2.6,3.x.x

Package Contents

> MiniPCI-E to PCI-E Wireless Adapter x 1
> User Manual x 1
> Driver CD x 1

Note: Contents may vary depending on country/market

Driver Installation

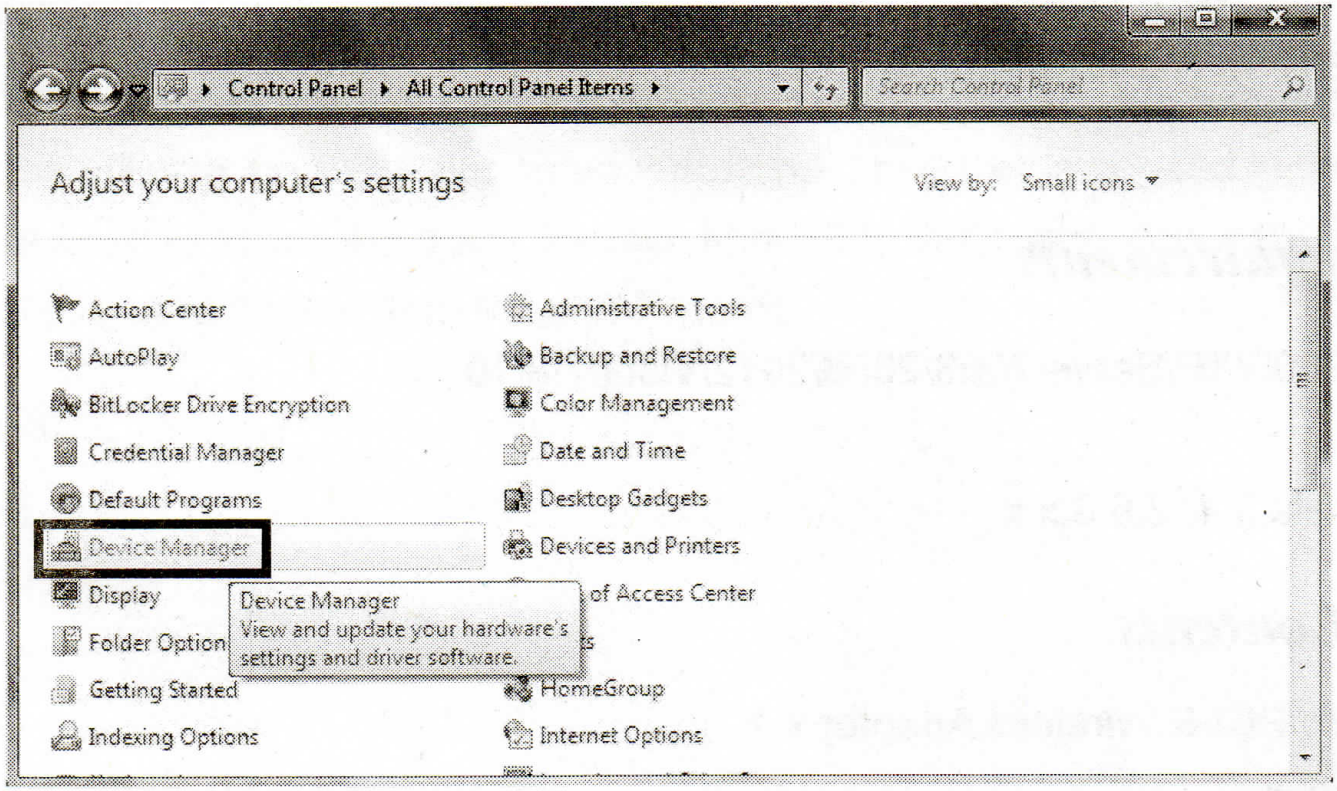
The following section shows you how to install Mini PCI-e WiFi to PCI-e Wlan Adapter driver on different operating systems

1. Turn on your computer.
2. Once Windows is running, a new network controller card is detected.
3. If the Windows asks for driver for the network controller card, then insert Driver CD into the optical drive (Assume the optical driver letter is H)
4. Browse to the following path (Assume the Windows OS used is Windows 7) **H:\Realtek\RT2860**
5. Execute **"setup.exe"** to install the driver.
6. Follow the on screen instructions until the driver is totally installed.

Hardware Verify

Verifying for Windows XP/Vista/7

1. Click on the **"Device Manager"** tab in the Windows Control Panel. **Start > Control Panel > Device Manager**



2. Entry **"Network adapters"** item, and you can read **"Realtek PCIe GBE Family Controller"** in the Device Manager